



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mike Kelso Oil Inc
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Chase, Kansas
67524+0467
ATTN: Pat Deenihan

10/17S/21W/Ness
Swartz 3-20
Job Ticket: 65655 DST#: 1
Test Start: 2019.03.20 @ 07:58:00

GENERAL INFORMATION:

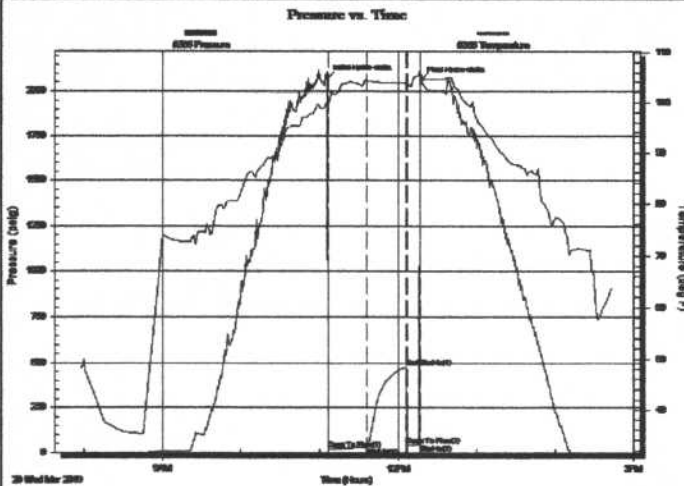
Formation: **Ft. Scott**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: 11:06:32
Time Test Ended: 14:44:02
Interval: **4069.00 ft (KB) To 4112.00 ft (KB) (TVD)**
Total Depth: 4112.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair
Test Type: **Conventional Bottom Hole (Initial)**
Tester: **Ken Swinney**
Unit No: **72 Hays/78**
Reference Elevations: 2222.00 ft (KB)
2215.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8365

Inside

Press@RunDepth: 32.07 psig @ 4070.00 ft (KB) Capacity: psig
Start Date: 2019.03.20 End Date: 2019.03.20 Last Calib.: 2019.03.20
Start Time: 07:58:00 End Time: 14:44:02 Time On Btmr: 2019.03.20 @ 11:05:32
Time Off Btmr: 2019.03.20 @ 12:17:47

TEST COMMENT: IF 30 Minutes/ Blow built to 2 1/4 inch
ISI 30 Minutes/ No blow back
FF 10 Minutes/ Few bubbles at open then dead/ Flush tool/ Weak surface blow no build/ Pull test



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2071.17	99.90	Initial Hydro-static
1	17.99	99.64	Open To Flow (1)
31	32.07	104.36	Shut-In(1)
61	478.01	103.90	End Shut-In(1)
62	38.65	103.81	Open To Flow (2)
71	44.45	105.60	Shut-In(2)
73	2065.54	104.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	Mud w /few oil spots in tool/ M 100%	0.70

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

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